

32XR Control Panel

THREE PHASE DUPLEX CONTROL

Continuous Level Monitoring
TPC-X 4-20mA Controller
Industrial Grade



SJE RHOMBUS®

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32XR

The 32XR three phase duplex control panel is designed to be rugged, simple and versatile. One panel handles three voltages and a wide range variety of pump motor amperage requirements by simply field installing overload modules - up to 32 amps each. The 32XR operates with a 4-20mA level transmitter which can be configured for either 1 or 2 backup float switches. The 32XR features the simple to operate TPC-X controller with an intuitive menu and graphic display.

FEATURES

- OLED graphic display (256 x 64 pixels)
- 10,000:1 contrast ratio (viewable in direct sunlight)
- Wide viewing angle (near 180°)
- Easy menu navigation and intuitive setup
- Rotary selector for menu navigation
- Pump up or pump down
- Automatic pump alternation
- Multiple alternation configurations
- Pump seal fail detection
- Pump overtemp detection
- Pump fail to start
- Pump run indication, integral to controller
- Adjustable high and low level alarm
- Cycle counter/hour meters
- Level simulation
- Configurable display units (ft, in, m, etc.)
- Operates using 4-20mA level transmitter
- Designed and built in the USA

SPECIFICATIONS

- Industrial grade UL 508A
- Padlockable fiberglass NEMA 4X rated enclosure
- 208, 240 or 480V 3 phase power source
- Pump disconnect and overload reset accessible through the inner door
- Adjustable level measuring range (4-20mA)
- Independent backup float operation
- TPC-X controller with graphic display
- Auxiliary alarm contact
- 3 phase lightning arrestor
- Raised and angled din rail for easy connection
- IEC HP rated motor starter with adjustable overload modules, 3.0 - 32.0 FLA (sold separately)
- 10HP max @ 208V, 240V; 20HP max @ 480V
- Class 10 ambient compensated overload relay
- Pump short circuit disconnect/overload reset accessible through inner door
- Hand-Off-Auto selector switches
- LED alarm beacon

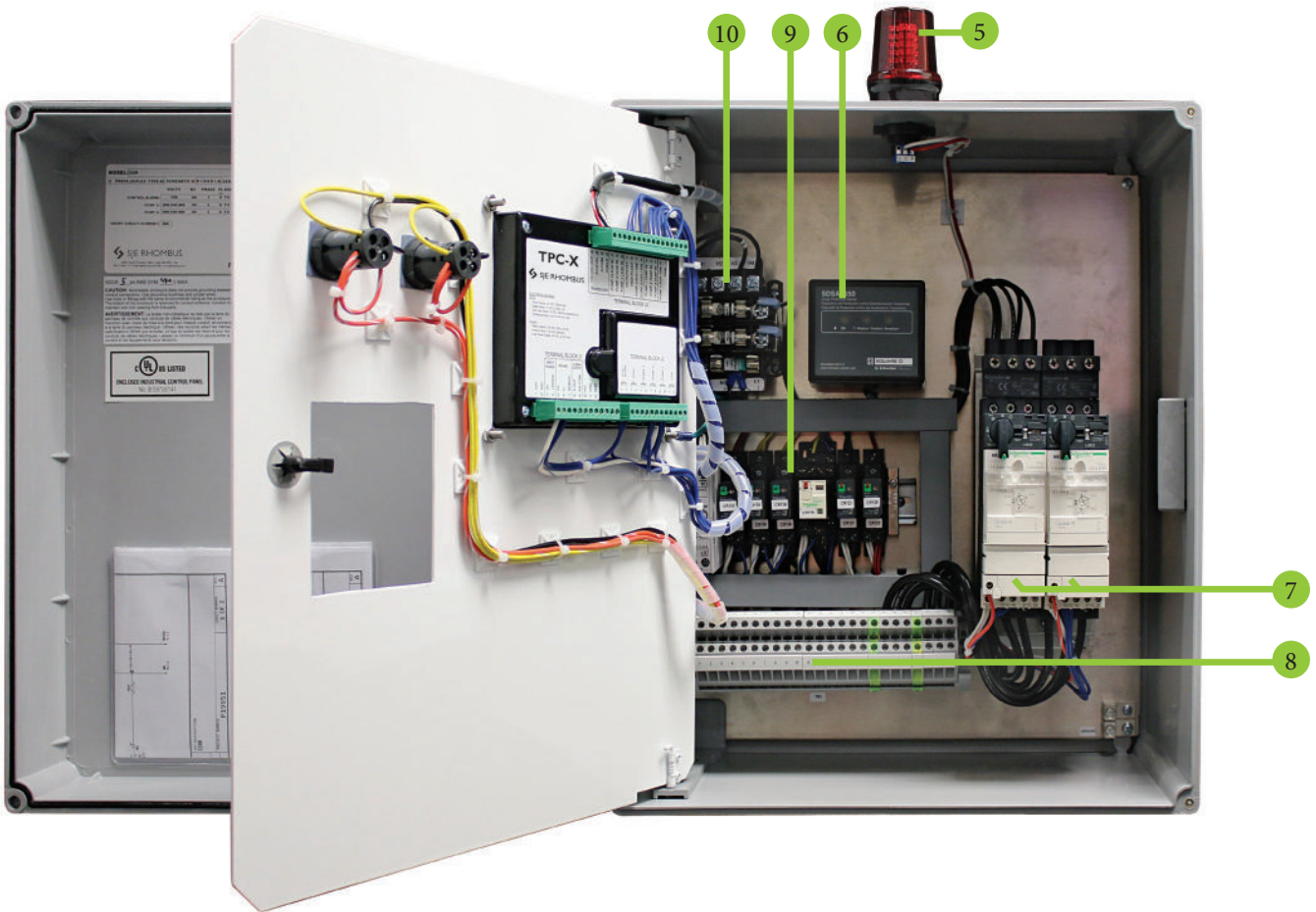
PART NO. OVERLOAD MODULES (sold separately)

- **1036510** Overload Module, 3.0 - 12.0 FLA
- **1033806** Overload Module, 8.0 - 32.0 FLA



Interchangeable Overload Module

TPC-X CONTROLLER



COMPONENTS

1. Padlockable NEMA 4X fiberglass enclosure
2. Inner deadfront door
3. Hand-Off-Auto selector switches
4. TPC-X controller
5. Alarm beacon
6. Three phase lightning arrestor
7. IEC HP rated motor starters
8. Terminal blocks
9. Control relays
10. Control power transformer



LEVEL SENSOR KITS

PN 1051382 Includes:

- (1) Sub-X Transmitter 0-16.7 ftWC measuring range (4-20mA)
 - 50 ft. vented cable
- (1) SJE MilliAmpMaster™ wide-angle control switches, 50 ft.
- (1) Float bracket



PN 1051588 Includes:

- (1) Sub-X Transmitter 0-16.7 ftWC measuring range (4-20mA)
 - 50 ft. vented cable
- (2) SJE MilliAmpMaster™ wide-angle control switches, 50 ft.
- (1) Float bracket



SJE RHOMBUS®

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In addition to many state on-site and rural water associations, SJE Rhombus® is proud to be members of these national industry associations:

